Lower Fan, iMac G5, 17-inch
Replacement Instructions

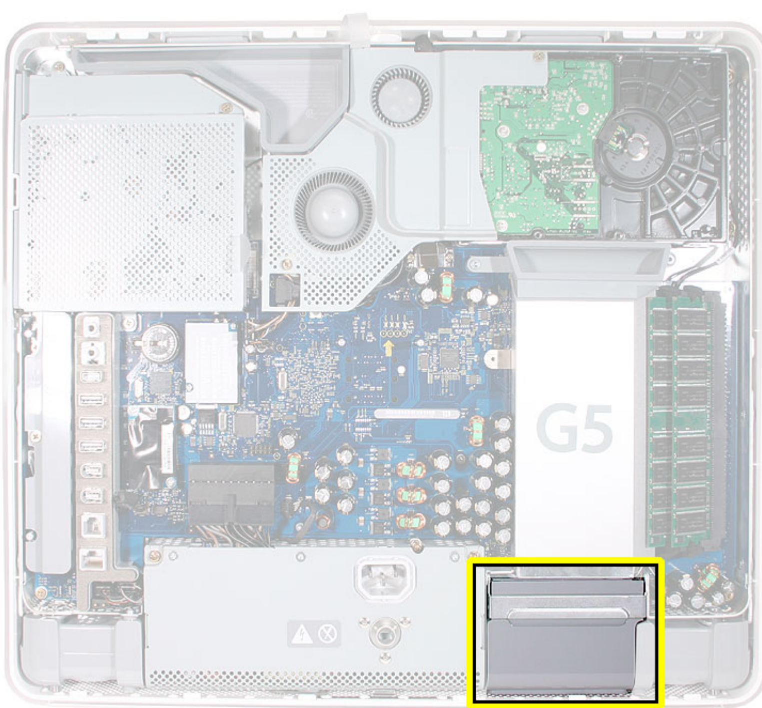
Follow the instructions in this sheet carefully. Failure to follow these instructions could damage your equipment and void its warranty.

Note: Online instructions are available at http://www.apple.com/support/doityourself/.

Tools Required

- Use the enclosed tool, or a Phillips #2 screwdriver
- Flat-blade screwdriver

Part Location

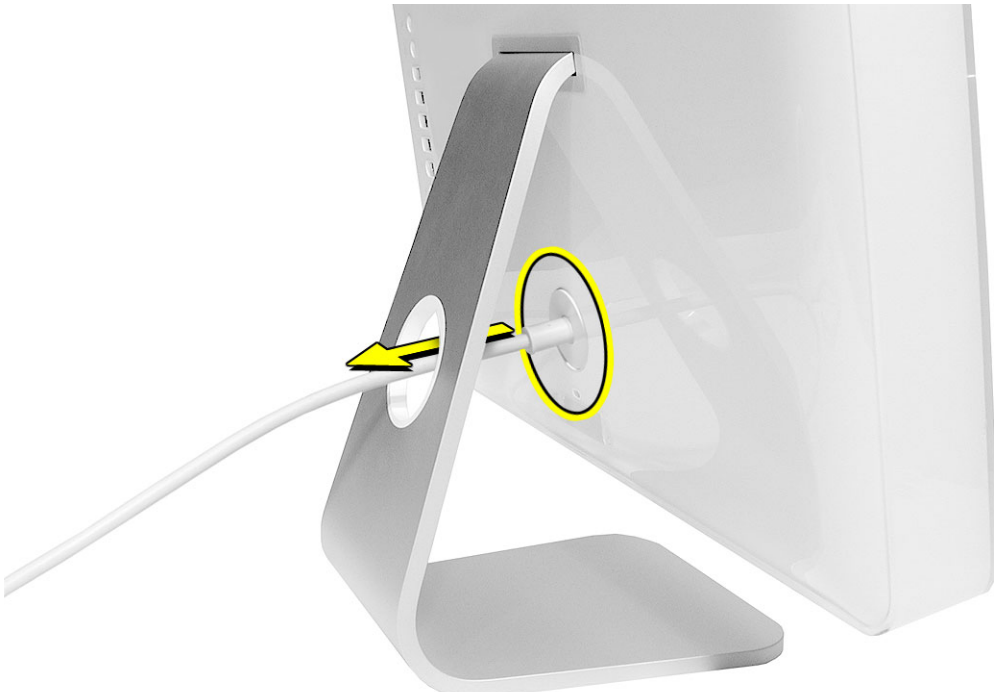


Important Things to Know

1. Don’t remove any screws other than the ones mentioned in this document.
2. Ground yourself when working on the computer. The procedure will show you how to ground yourself.
3. Keep drinks and other liquids away from the area you are working on the iMac.

Opening the Computer

1. Turn your computer off by choosing Shut down from the Apple () menu.
2. Disconnect all cables, and unplug the power cord from your computer.

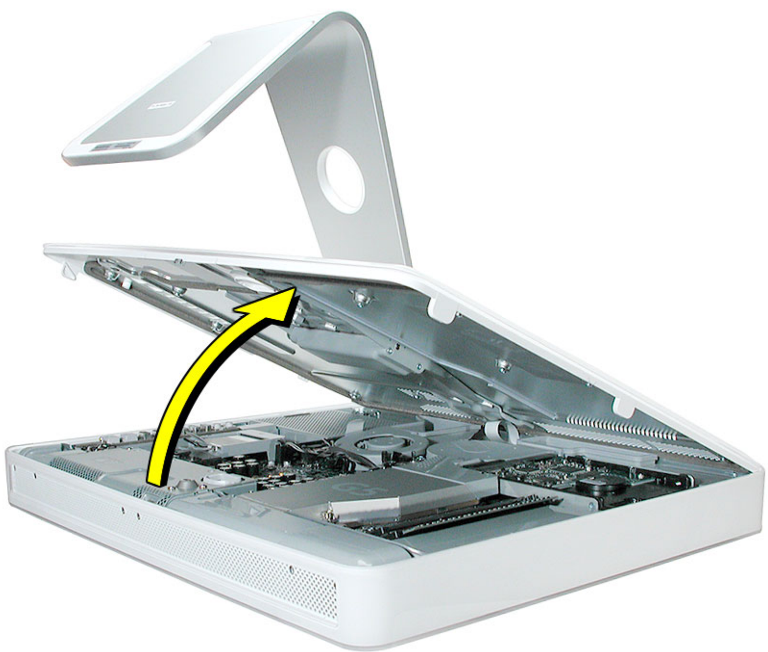


3. Place a soft, clean towel or cloth on the desk or surface. Hold the sides of the computer and slowly lay the computer face down as shown.

4. Locate the three silver case screws circled below. Lift the stand up to locate the middle case screw. **Note:** These screws are captive; they are part of the display/bezel assembly and cannot be removed.

   Using the tool provided, or a Phillips #2 screwdriver, loosen the three captive screws. Turn the screws to the left until they stop turning. **Don't force the screws once they stop turning**.

5. Holding the stand, tilt the back cover up and lift it off the computer.

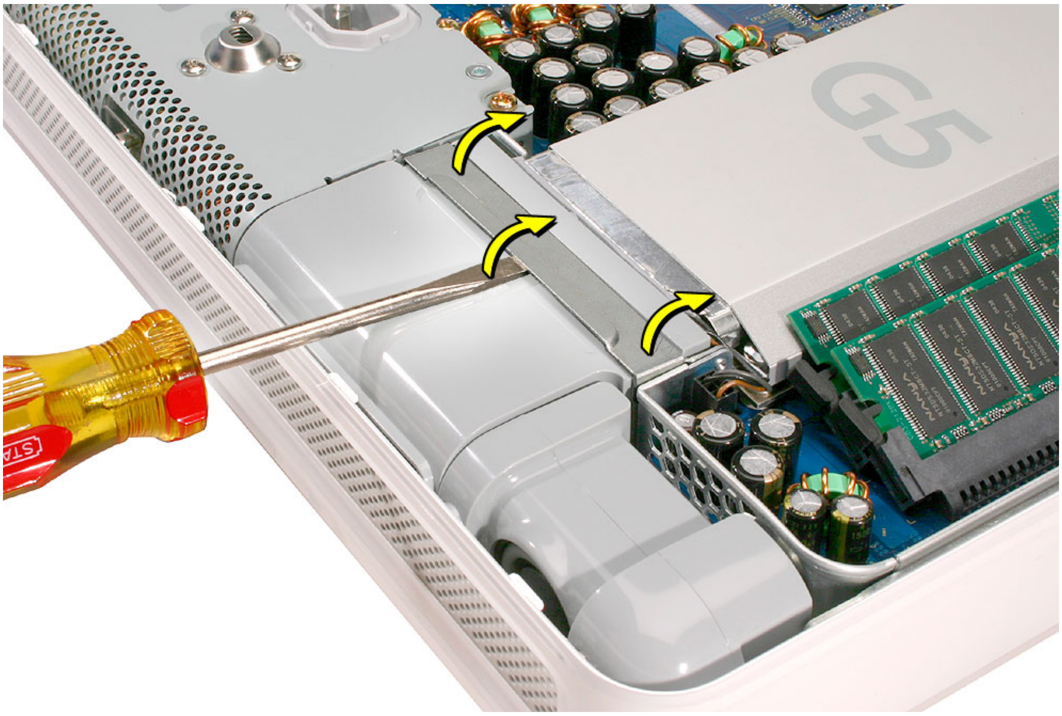


Removing the Lower Fan

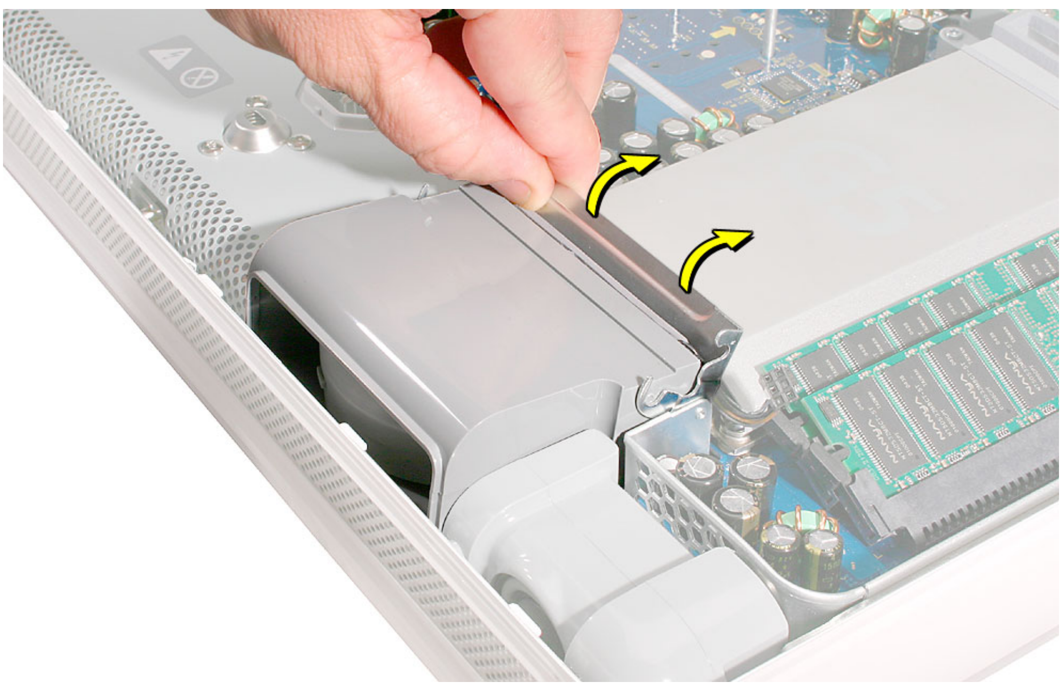
1. Ground yourself before touching anything inside the computer. Touch the metal surface (as shown below) on the inside of the computer to discharge any static electricity.

   Warning: Always discharge static electricity before you touch any parts or install any components inside the computer. To avoid generating static electricity, do not walk around the room until you have finished installing the part and closed the computer.

2. Locate the metal locking clip on the top of the fan housing. Use a flat-blade screwdriver to raise up the clip approximately 1/4 inch.

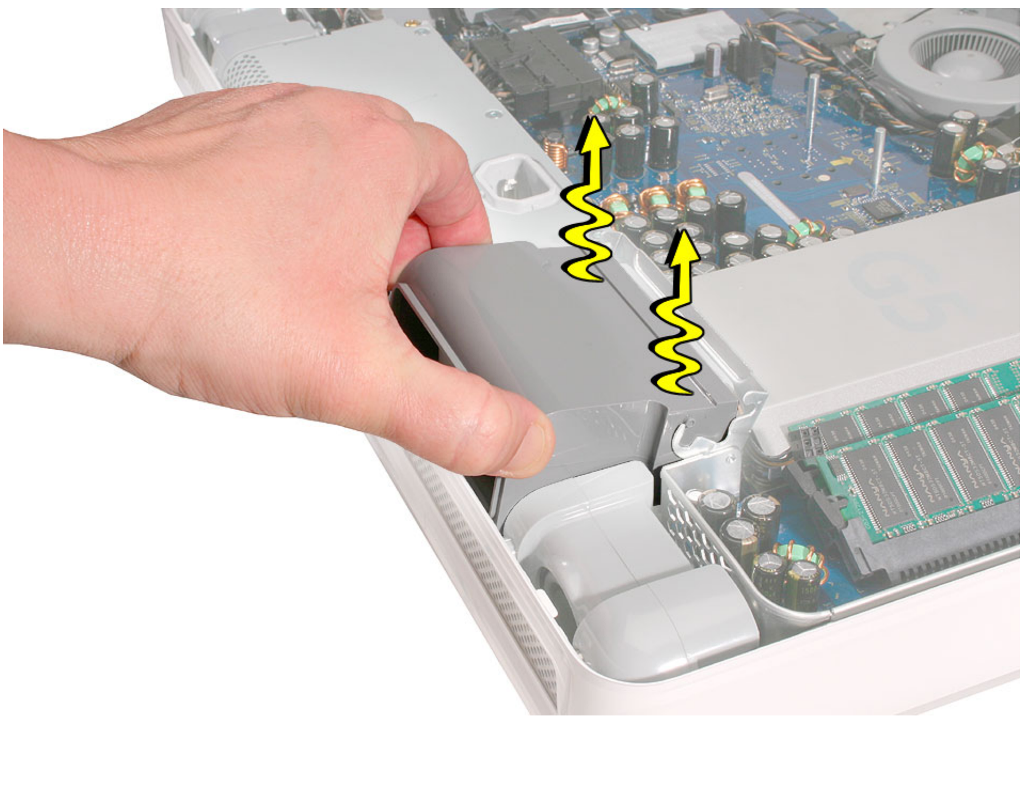


3. Push the metal locking clip all the way back until the fan begins to lift out of the computer.



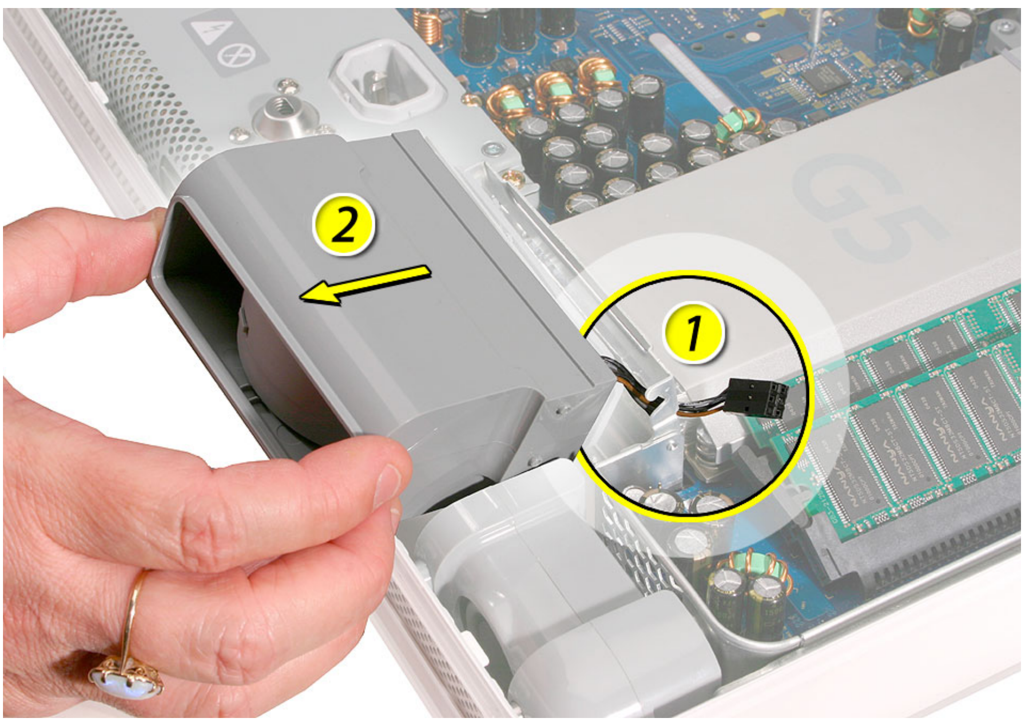
4. Disconnect the fan connector on the logic board. Pull on the black connector not the cable.

5. Grab the fan by the sides and wiggle the fan upward. As the fan comes up, the fan will bump into a tab on the front bezel. See the next step.



6. Push the fan into the computer and at the same time, tilt the fan so that it clears the tab on the bezel.

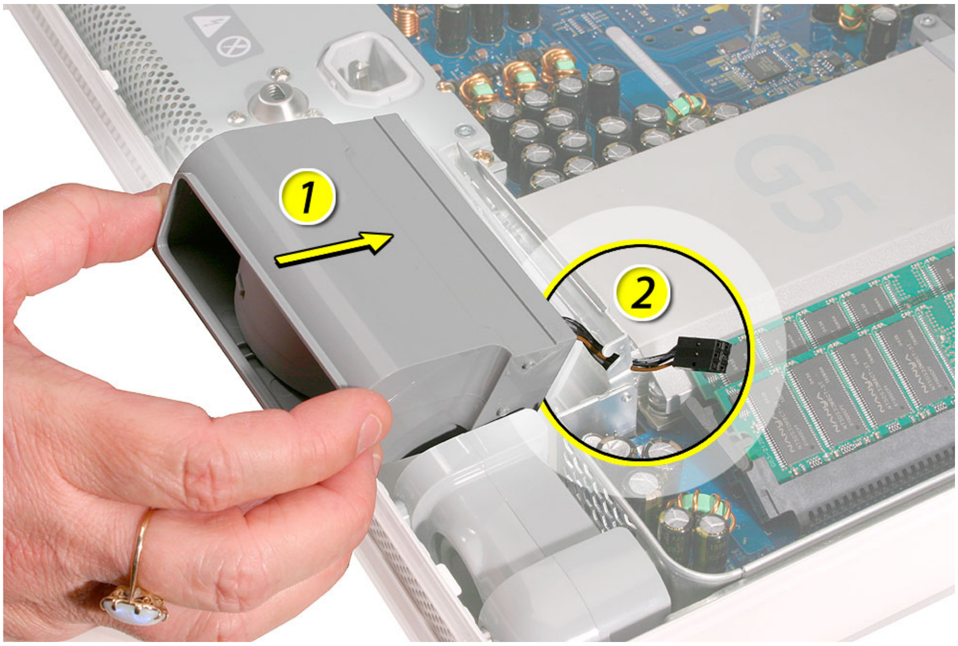
7. Pull the fan cable through the metal bracket (1) as you pull the fan forward (2).



Installing the Lower Fan

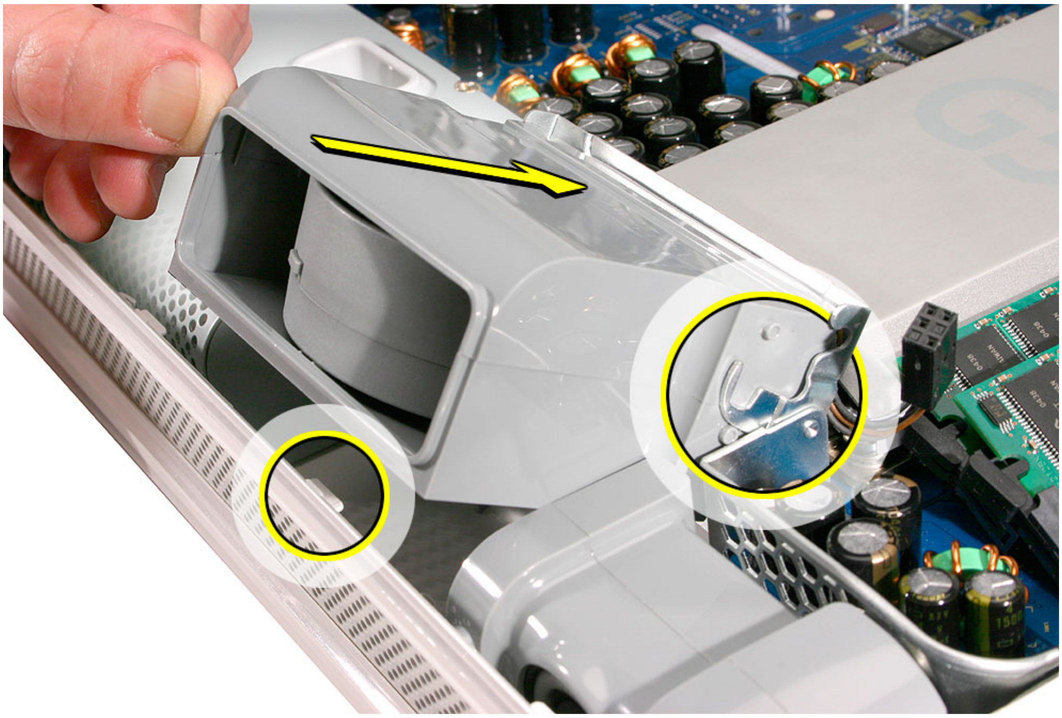
1. Push the lower fan (1) into the computer, aligning the fan with the metal bracket. Notice the location of the two gray bumps on the right side of the fan. These plastic bumps should be in this position for this step.

   Pull the fan cable (2) through the metal bracket.



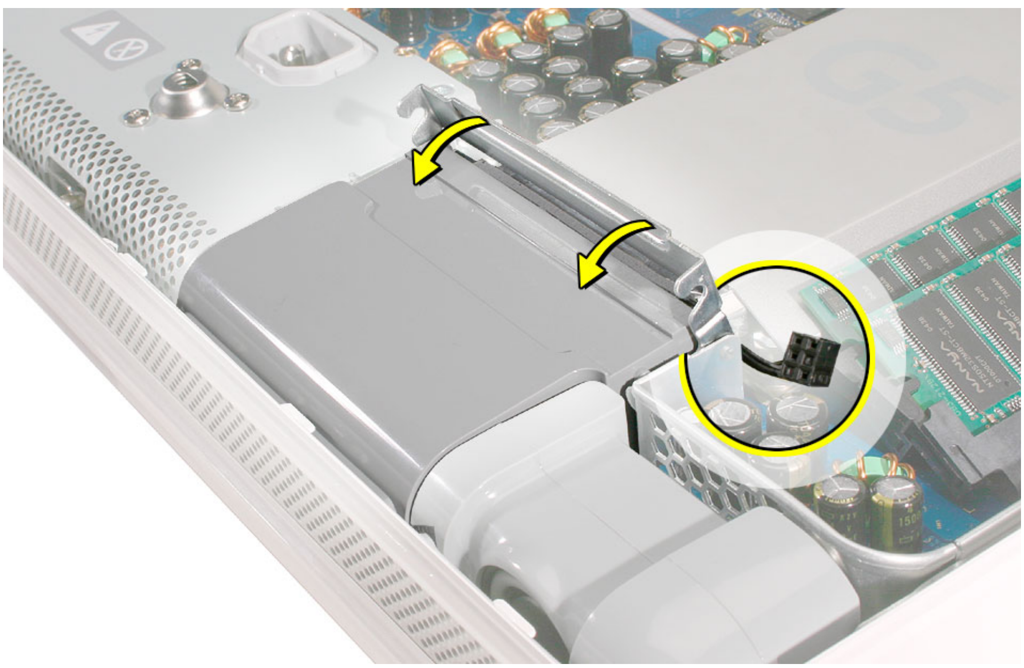
2. The edge of the fan (circled) has to clear the speaker. Push the fan into the computer until the edge of the fan clears the speaker.

3. As you push the fan, make sure it clears the white tab on the display bezel.
Important: Notice the position of the gray bumps on the side of the fan. This is the correct position for this step.



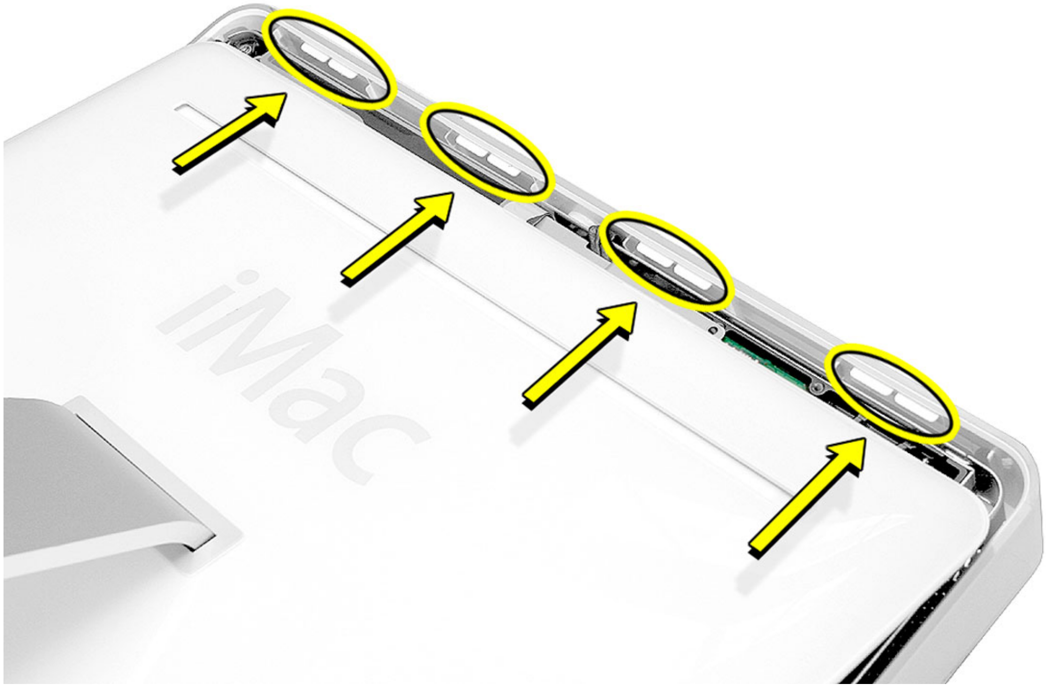
4. Lower the fan into the display bezel. Pull the metal locking clip down onto the fan making sure it secures the fan.

Connect the fan cable to the logic board.

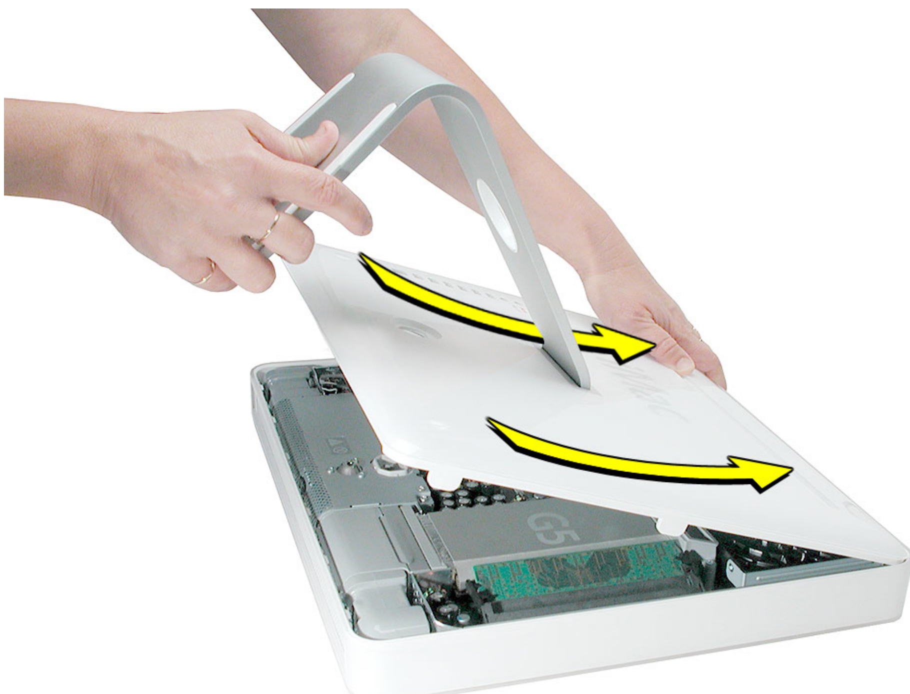


Closing the Computer

1. Replace the cover so that the slots on the top edge of the cover mate with the tabs on the display housing.



2. Tilt the back cover slightly and align the top edge with the tabs on the housing. Push the two together as you lower the back cover.



3. Tighten the three captive case screws by turning them to the right. Don’t overtighten the screws.

4. Reconnect the power cord while the computer is face down; then position the computer in the upright position. Turn on the computer.

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